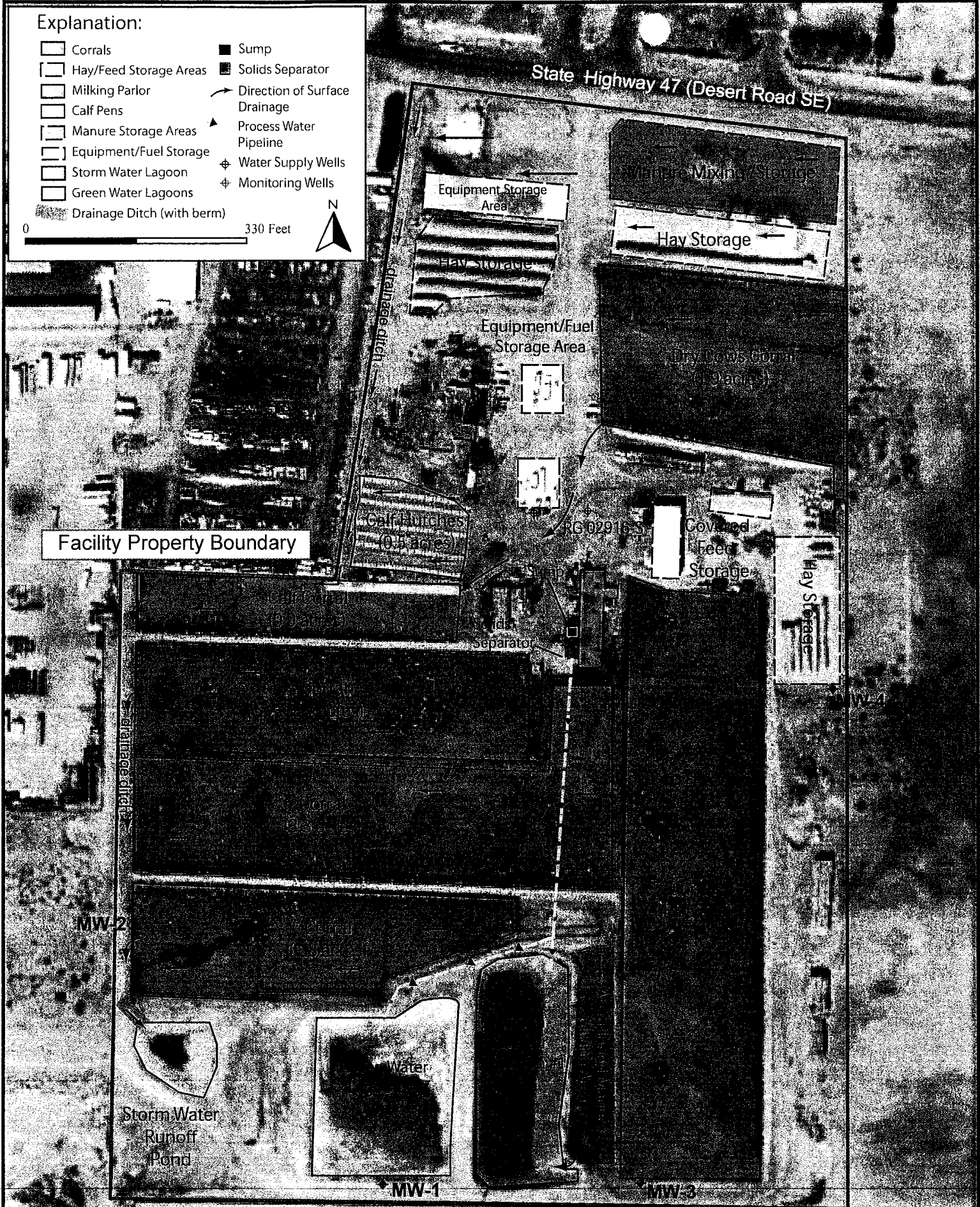


Explanation:

- | | | | |
|--|----------------------------|--|-------------------------------|
| | Corrals | | Sump |
| | Hay/Feed Storage Areas | | Solids Separator |
| | Milking Parlor | | Direction of Surface Drainage |
| | Calf Pens | | Process Water Pipeline |
| | Manure Storage Areas | | Water Supply Wells |
| | Equipment/Fuel Storage | | Monitoring Wells |
| | Storm Water Lagoon | | |
| | Green Water Lagoons | | |
| | Drainage Ditch (with berm) | | |

0 330 Feet



Facility Property Boundary

State Highway 47 (Desert Road SE)

Equipment Storage Area

Hay Storage

Manure Mixing/Storage

Equipment/Fuel Storage Area

Dry Cows Corral (12 stalls)

Calf Hutches (0.5 acres)

RG 02916 S

Covered Feed Storage

Hay Storage

Sump
Solids Separator

MW-2

Storm Water Runoff Pond

MW-1

MW-3



GLORIETA GEOSCIENCE, INC.

McCatharn Dairy Site Map
 NMED DP No. 585
 DP Volume: 4,000 gpd

Legal Description:
 Sec. 19, T. 9 N., R. 3 E., NMPM
 Lat: 34.9878 degrees N
 Long: 106.65894 degrees W

Physical Address:
 6363 State Highway 47
 Albuquerque, New Mexico 87105
 505.366.4219

SEP 29 2009

Hall Environmental Analysis Laboratory, Inc.

Date: 24-Sep-09

BUREAU

CLIENT: McCatharn Dairy
Lab Order: 0909268
Project: Qtrly Sampling
Lab ID: 0909268-01

Client Sample ID: Monitor Well #1
Collection Date: 9/15/2009 10:30:00 AM
Date Received: 9/15/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: LJB
Chloride	140	2.0		mg/L	20	9/15/2009 4:11:53 PM
Nitrogen, Nitrate (As N)	49	2.0		mg/L	20	9/15/2009 4:11:53 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	1380	20.0		mg/L	1	9/21/2009 4:21:00 PM
SM 4500 NORG C: TKN						Analyst: LJB
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	9/18/2009 10:32:00 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
I Analyte detected below quantitation limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level

Hall Environmental Analysis Laboratory, Inc.

Date: 24-Sep-09

CLIENT: McCatharn Dairy
Lab Order: 0909268
Project: Qtrly Sampling
Lab ID: 0909268-02

Client Sample ID: Monitor Well #2
Collection Date: 9/15/2009 8:30:00 AM
Date Received: 9/15/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: LJB
Chloride	150	2.0		mg/L	20	9/15/2009 5:21:31 PM
Nitrogen, Nitrate (As N)	12	0.10		mg/L	1	9/15/2009 5:04:07 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	819	20.0		mg/L	1	9/21/2009 4:21:00 PM
SM 4500 NORG C: TKN						Analyst: LJB
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	9/18/2009 10:32:00 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
I Analyte detected below quantitation limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level

Hall Environmental Analysis Laboratory, Inc.

Date: 24-Sep-09

CLIENT: McCatharn Dairy
Lab Order: 0909268
Project: Qtrly Sampling
Lab ID: 0909268-03

Client Sample ID: Monitor Well #3
Collection Date: 9/15/2009 9:30:00 AM
Date Received: 9/15/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: LJB
Chloride	300	2.0		mg/L	20	9/15/2009 5:56:21 PM
Nitrogen, Nitrate (As N)	160	2.0		mg/L	20	9/15/2009 5:56:21 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	2450	20.0		mg/L	1	9/21/2009 4:21:00 PM
SM 4500 NORG C: TKN						Analyst: LJB
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	9/18/2009 10:32:00 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 24-Sep-09

CLIENT: McCatharn Dairy
Lab Order: 0909268
Project: Qtrly Sampling
Lab ID: 0909268-04

Client Sample ID: Monitor Well #4
Collection Date: 9/15/2009 9:00:00 AM
Date Received: 9/15/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: LJB
Chloride	140	2.0		mg/L	20	9/15/2009 6:31:10 PM
Nitrogen, Nitrate (As N)	12	2.0		mg/L	20	9/15/2009 6:31:10 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	772	20.0		mg/L	1	9/21/2009 4:21:00 PM
SM 4500 NORG C: TKN						Analyst: LJB
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	9/18/2009 10:32:00 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 29-Jun-09

CLIENT: McCatharn Dairy**Client Sample ID:** Monitor Well #1**Lab Order:** 0906290**Collection Date:** 6/15/2009 9:00:00 AM**Project:** 2nd Quarter 2009 Monitor Well Samples**Date Received:** 6/15/2009**Lab ID:** 0906290-03**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Chloride	170	1.0		mg/L	10	6/16/2009 3:22:48 PM
Nitrogen, Nitrate (As N)	55	1.0		mg/L	10	6/16/2009 3:22:48 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	1400	20		mg/L	1	6/18/2009
SM 4500 NORG C: TKN						Analyst: LJB
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	6/17/2009

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 29-Jun-09

CLIENT:	McCatharn Dairy	Client Sample ID:	Monitor Well #2
Lab Order:	0906290	Collection Date:	6/15/2009 8:30:00 AM
Project:	2nd Quarter 2009 Monitor Well Samples	Date Received:	6/15/2009
Lab ID:	0906290-02	Matrix:	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Chloride	190	2.0		mg/L	20	6/16/2009 3:05:23 PM
Nitrogen, Nitrate (As N)	14	1.0		mg/L	10	6/16/2009 2:47:59 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	920	20		mg/L	1	6/18/2009
SM 4500 NORG C: TKN						Analyst: LJB
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	6/17/2009

Qualifiers: *

E Estimated value

J Analyte detected below quantitation limits

ND Not Detected at the Reporting Limit

C

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

MCL Maximum Contaminant Level

RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 29-Jun-09

CLIENT: McCatharn Dairy

Client Sample ID: Monitor Well #3

Lab Order: 0906290

Collection Date: 6/15/2009 9:30:00 AM

Project: 2nd Quarter 2009 Monitor Well Samples

Date Received: 6/15/2009

Lab ID: 0906290-04

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Chloride	370	2.0		mg/L	20	6/16/2009 4:32:26 PM
Nitrogen, Nitrate (As N)	160	2.0		mg/L	20	6/16/2009 4:32:26 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	2500	20		mg/L	1	6/18/2009
SM 4500 NORG C: TKN						Analyst: LJB
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	6/17/2009

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

JUL 08 2009

Hall Environmental Analysis Laboratory, Inc.

Date: 29-Jun-09

CLIENT: McCatharn Dairy**Client Sample ID:** Monitor Well #4**BUREAU****Lab Order:** 0906290**Collection Date:** 6/15/2009 7:45:00 AM**Project:** 2nd Quarter 2009 Monitor Well Samples**Date Received:** 6/15/2009**Lab ID:** 0906290-01**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Chloride	150	1.0		mg/L	10	6/16/2009 2:30:34 PM
Nitrogen, Nitrate (As N)	12	1.0		mg/L	10	6/16/2009 2:30:34 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	740	20		mg/L	1	6/18/2009
SM 4500 NORG C: TKN						Analyst: LJB
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	6/17/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 02-Apr-09

CLIENT: McCatharn Dairy
 Lab Order: 0903236
 Project: 1st Quarter 2009 Monitor Well Samples
 Lab ID: 0903236-03

Client Sample ID: Monitor Well #1
 Collection Date: 3/17/2009 9:30:00 AM
 Date Received: 3/17/2009
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	220	1.0		mg/L	10	3/18/2009 12:39:24 AM
Nitrogen, Nitrate (As N)	78	1.0		mg/L	10	3/18/2009 12:39:24 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: JMP
Total Dissolved Solids	1600	20	H	mg/L	1	3/27/2009
SM 4500 NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	6.3	5.0		mg/L	1	3/20/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 02-Apr-09

CLIENT: McCatharn Dairy

Client Sample ID: Monitor Well #2

Lab Order: 0903236

Collection Date: 3/17/2009 8:45:00 AM

Project: 1st Quarter 2009 Monitor Well Samples

Date Received: 3/17/2009

Lab ID: 0903236-02

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	240	1.0		mg/L	10	3/18/2009 12:04:35 AM
Nitrogen, Nitrate (As N)	20	0.10		mg/L	1	3/17/2009 11:47:11 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: JMP
Total Dissolved Solids	1100	20	H	mg/L	1	3/27/2009
SM 4500 NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	3/20/2009

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 02-Apr-09

CLIENT: McCatharn Dairy
Lab Order: 0903236
Project: 1st Quarter 2009 Monitor Well Samples
Lab ID: 0903236-04

Client Sample ID: Monitor Well #3
Collection Date: 3/17/2009 10:30:00 AM
Date Received: 3/17/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	360	1.0		mg/L	10	3/18/2009 1:14:13 AM
Nitrogen, Nitrate (As N)	160	1.0		mg/L	10	3/18/2009 1:14:13 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: JMP
Total Dissolved Solids	2500	40	H	mg/L	1	3/27/2009
SM 4500 NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	3/20/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 02-Apr-09

APR 6 2009

CLIENT: McCatharn Dairy
 Lab Order: 0903236
 Project: 1st Quarter 2009 Monitor Well Samples
 Lab ID: 0903236-01

Client Sample ID: Monitor Well #4
 Collection Date: 3/17/2009 8:00:00 AM
 Date Received: 3/17/2009
 Matrix: AQUEOUS

BUREAU

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	160	1.0		mg/L	10	3/17/2009 10:54:57 PM
Nitrogen, Nitrate (As N)	13	0.10		mg/L	1	3/17/2009 10:37:32 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: JMP
Total Dissolved Solids	620	20	H	mg/L	1	3/27/2009
SM 4500 NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	3/20/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 08-Jan-09

JAN 13 2009

CLIENT: McCatharn Dairy
 Lab Order: 0812466
 Project: 4th Quarter MW Samples 2008
 Lab ID: 0812466-03

Client Sample ID: MW #1
 Collection Date: 12/22/2008 9:15:00 AM
 Date Received: 12/22/2008
 Matrix: AQUEOUS

BUREAU

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Chloride	180	1.0		mg/L	10	12/22/2008 11:51:07 PM
Nitrogen, Nitrate (As N)	65	1.0		mg/L	10	12/22/2008 11:51:07 PM
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: TAF
Total Dissolved Solids	1500	20		mg/L	1	12/23/2008
SM 4500 NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	1/5/2009

Qualifiers: * Value exceeds Maximum Contaminant Level B Analyte detected in the associated Method Blank
 E Estimated value H Holding times for preparation or analysis exceeded
 J Analyte detected below quantitation limits MCL Maximum Contaminant Level
 ND Not Detected at the Reporting Limit RL Reporting Limit
 S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: 08-Jan-09

JAN 13 2009

CLIENT: McCatharn Dairy

Client Sample ID: MW #2

Lab Order: 0812466

Collection Date: 12/22/2008 8:15:00 AM

Project: 4th Quarter MW Samples 2008

Date Received: 12/22/2008

BUREAU

Lab ID: 0812466-02

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Chloride	190	1.0		mg/L	10	12/22/2008 11:33:43 PM
Nitrogen, Nitrate (As N)	16	1.0		mg/L	10	12/22/2008 11:33:43 PM
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: TAF
Total Dissolved Solids	950	20		mg/L	1	12/23/2008
SM 4500 NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	1/5/2009

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Estimated value	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: 08-Jan-09

CLIENT: McCatharn Dairy**Client Sample ID:** MW #3**Lab Order:** 0812466**Collection Date:** 12/22/2008 10:15:00 AM**Project:** 4th Quarter MW Samples 2008**Date Received:** 12/22/2008**Lab ID:** 0812466-04**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Chloride	380	1.0		mg/L	10	12/23/2008 12:08:31 AM
Nitrogen, Nitrate (As N)	170	1.0		mg/L	10	12/23/2008 12:08:31 AM
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: TAF
Total Dissolved Solids	2600	100		mg/L	1	12/23/2008
SM 4500 NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	1/5/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 08-Jan-09

JAN 13 2009

CLIENT: McCatharn Dairy

Client Sample ID: MW #4

Lab Order: 0812466

Collection Date: 12/22/2008 7:30:00 AM

Project: 4th Quarter MW Samples 2008

Date Received: 12/22/2008

BUREAU

Lab ID: 0812466-01

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Chloride	150	1.0		mg/L	10	12/22/2008 10:41:28 PM
Nitrogen, Nitrate (As N)	13	0.10		mg/L	1	12/22/2008 10:24:04 PM
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: TAF
Total Dissolved Solids	710	100		mg/L	1	12/23/2008
SM 4500 NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	1/5/2009

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Estimated value	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spills recovery outside reported program limits		

DP- 585

Hall Environmental Analysis Laboratory, Inc.

Date: 02-Jul-07

CLIENT: Suertudo Development, LLC
Lab Order: 0706168
Project: 2nd Qtr Monitor Well Samples '07
Lab ID: 0706168-05

Client Sample ID: Lagoon
Collection Date: 6/12/2007 11:00:00 AM
Date Received: 6/12/2007
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: KS
Chloride	1800	5.0		mg/L	50	6/12/2007 8:00:48 PM
Nitrogen, Nitrate (As N)	ND	2.0		mg/L	20	6/12/2007 7:43:24 PM
EPA METHOD 160.1: TDS						Analyst: TAF
Total Dissolved Solids	30000	2000		mg/L	1	6/14/2007
EPA METHOD 351.3: TKN						Analyst: SLB
Nitrogen, Kjeldahl, Total	3800	50		mg/L	1	6/29/2007

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Highest WW

DP-585

APR 01 2005

Hall Environmental Analysis Laboratory

Date: 29-Mar-05

CLIENT: McCatharn Dairy

Client Sample ID: Lagoon #1

Lab Order: 0503139

Collection Date: 3/16/2005 10:30:00 AM

Project: 1st Quarter MW Samples, 2005

Lab ID: 0503139-04

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						
Chloride	310	1.0		mg/L	10	Analyst: MAP 3/17/2005
Nitrogen, Nitrate (As N)	ND	0.50		mg/L	5	3/16/2005
EPA METHOD 160.1: TDS						
Total Dissolved Solids	4100	100		mg/L	2	Analyst: MAP 3/23/2005
EPA METHOD 351.3: TKN						
Nitrogen, Kjeldahl, Total	210	5.0		mg/L	1	Analyst: CMC 3/22/2005

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Lowest WW

DP-585

Hall Environmental Analysis Laboratory

Date: 21-Dec-05

CLIENT: McCatharn Dairy
 Lab Order: 0512159
 Project: 4th Quarter MW Samples
 Lab ID: 0512159-04

Client Sample ID: Lagoon Water
 Collection Date: 12/13/2005 10:00:00 AM

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						
Chloride	430	2.0		mg/L	20	Analyst: MAP 12/14/2005
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	12/13/2005
EPA METHOD 160.1: TDS						
Total Dissolved Solids	6300	1000		mg/L	20	Analyst: TES 12/15/2005
EPA METHOD 351.3: TKN						
Nitrogen, Kjeldahl, Total	840	20		mg/L	1	Analyst: CMC 12/20/2005

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range

Lowest ww (2nd)

Hall Environmental Analysis Laboratory, Inc.

Date: 29-Jun-09

CLIENT:	McCatharn Dairy	Client Sample ID:	Lagoon
Lab Order:	0906290	Collection Date:	6/15/2009 10:15:00 AM
Project:	2nd Quarter 2009 Monitor Well Samples	Date Received:	6/15/2009
Lab ID:	0906290-05	Matrix:	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	590	5.0		mg/L	50	6/17/2009 8:58:03 AM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	6/16/2009 4:49:51 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	8100	2000		mg/L	1	6/18/2009
SM 4500 NORG C: TKN						Analyst: LJB
Nitrogen, Kjeldahl, Total	1400	20		mg/L	1	6/24/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 08-Jan-09

CLIENT: McCatharn Dairy
 Lab Order: 0812466
 Project: 4th Quarter MW Samples 2008
 Lab ID: 0812466-05

Client Sample ID: Lagoon
 Collection Date: 12/22/2008 11:00:00 AM
 Date Received: 12/22/2008
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Chloride	830	10		mg/L	100	12/23/2008 2:21:34 PM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	12/23/2008 12:43:21 AM
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: TAF
Total Dissolved Solids	13000	2000		mg/L	1	12/23/2008
SM 4500 NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	2000	10		mg/L	1	1/5/2009

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Jun-08

CLIENT: McCatharn Dairy
Lab Order: 0806251
Project: McCatharn Dairy
Lab ID: 0806251-05

Client Sample ID: Lagoon #1
Collection Date: 6/17/2008 10:30:00 AM
Date Received: 6/17/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Chloride	440	5.0		mg/L	50	6/18/2008 2:47:34 PM
Nitrogen, Nitrate (As N)	ND	2.0		mg/L	20	6/18/2008 2:30:10 PM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	11000	2000		mg/L	1	6/20/2008
SM4500-NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	1700	10		mg/L	1	6/20/2008

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 19-Mar-08

CLIENT: McCatharn Dairy**Client Sample ID:** Lagoon**Lab Order:** 0803077**Collection Date:** 3/11/2008 10:20:00 AM**Project:** 1st Quarter MW Samples - 2008**Date Received:** 3/11/2008**Lab ID:** 0803077-05**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Chloride	1400	5.0		mg/L	50	3/12/2008 8:49:29 PM
Nitrogen, Nitrate (As N)	ND	2.0		mg/L	20	3/11/2008 5:17:45 PM
SM 2540C: TDS						Analyst: TAF
Total Dissolved Solids	19000	1000		mg/L	1	3/13/2008
SM4500-NORG C: TKN						Analyst: KS
Nitrogen, Kjeldahl, Total	1500	20		mg/L	1	3/13/2008

Qualifiers:

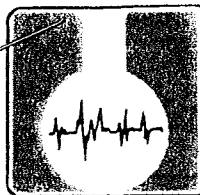
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

med, Here is monitor well nitrate test.

OP-585

John McCatharn



**ASSAIGAI
ANALYTICAL
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3332 Wedgewood, E-5 • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820

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APR 14 1998

GROUND WATER BIURE

**MCCATHARN DAIRY
attn: JOHN MCCATHARN
6363 STATE HIGHWAY 47
ALBUQUERQUE, NM 87105**

*** explanation of codes**

B	analyte detected in Method Blank
E	result is estimated
H	analyzed out of hold time
N	tentatively identified compound
S	subcontracted
1-9	see footnote

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

Client: **MCCATHARN DAIRY**
Project: **9803161 MCCATHARN DAIRY-NITRATE**

William P. Biava
William P. Biava: President of Assaigai Analytical Laboratories, Inc.

Client Sample ID **MONITOR WELL #1** Sample Matrix **WATER** Sample Collected **03/17/98 12:30:00**

Fraction	QC Group	CAS #	Result	Units	Dilution Factor	Detection Limit	Sequence	Run Date
EPA-300.0 anions								
9803161-01A	W9893	Nitrate, as N	262	mg / L	20	0.2	MW.1998.394-22	03/20/98
	W9885	Nitrite, as N	0.8	mg / L	1	0.2	MW.1998.362-9	03/17/98

*** Sample specific analytical Detection Limit is determined by multiplying the sample Dilution Factor by the listed method Detection Limit. ***

Highest GW - MW-1

Lagoon #2



DP-585

Hall Environmental Analysis Laboratory

Date: 23-Mar-04

CLIENT: McCatharn Dairy
Lab Order: 0403141
Project: 1st Qtr Monitor Well Samples
Lab ID: 0403141-01

Client Sample ID: Monitor Well #2
Collection Date: 3/17/2004 8:45:00 AM
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: BDH
Chloride	87	1.0		mg/L	10	3/19/2004 1:57:51 PM
Nitrogen, Nitrate (As N)	7.1	0.10		mg/L	1	3/18/2004 6:48:05 PM
EPA METHOD 160.1: TDS						Analyst: MAP
Total Dissolved Solids	480	50		mg/L	1	3/22/2004
EPA METHOD 351.3: TKN						Analyst: MAP
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	3/19/2004

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Highest MW, MW-2
Lagoon #1